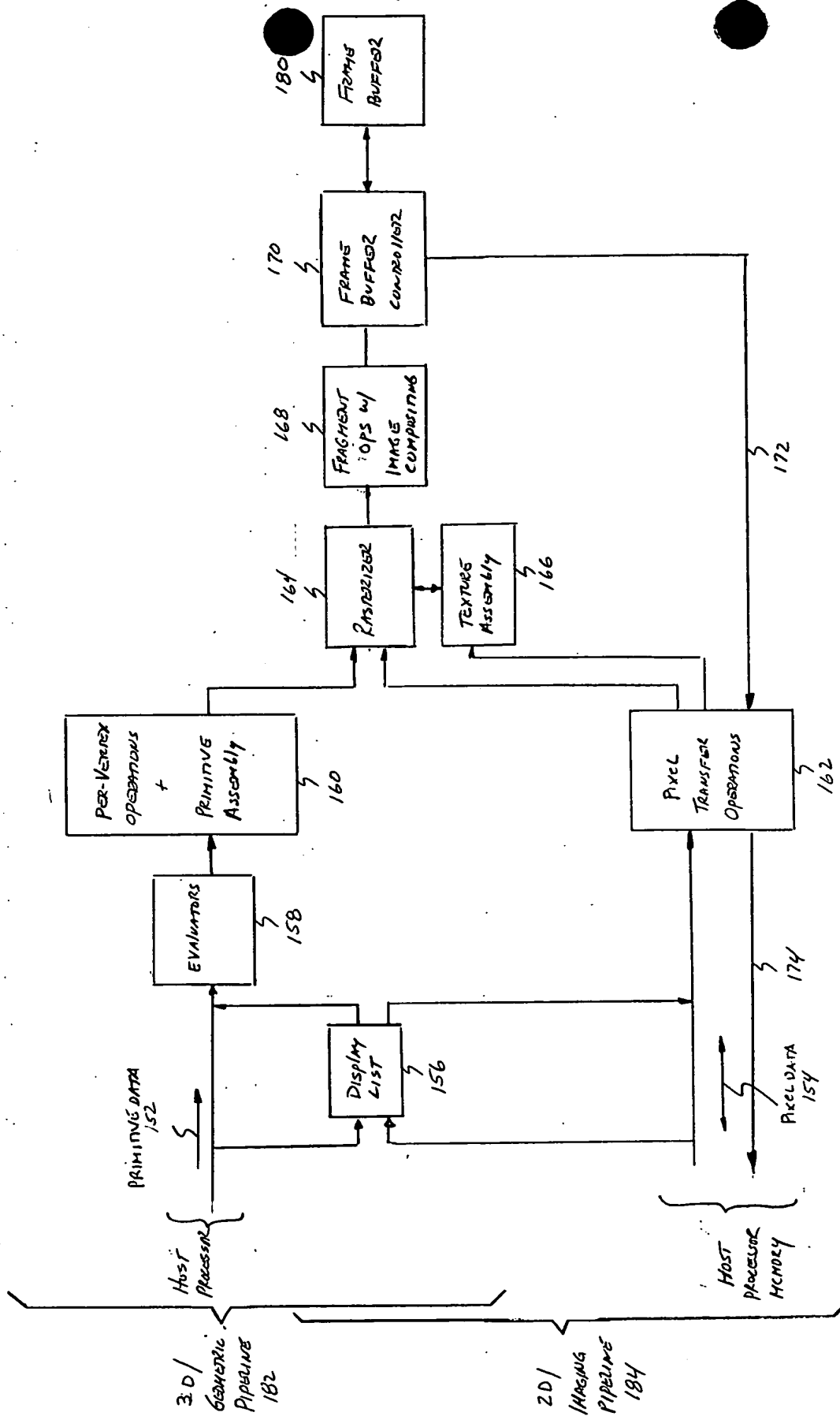


Computer Graphics
Environment

100

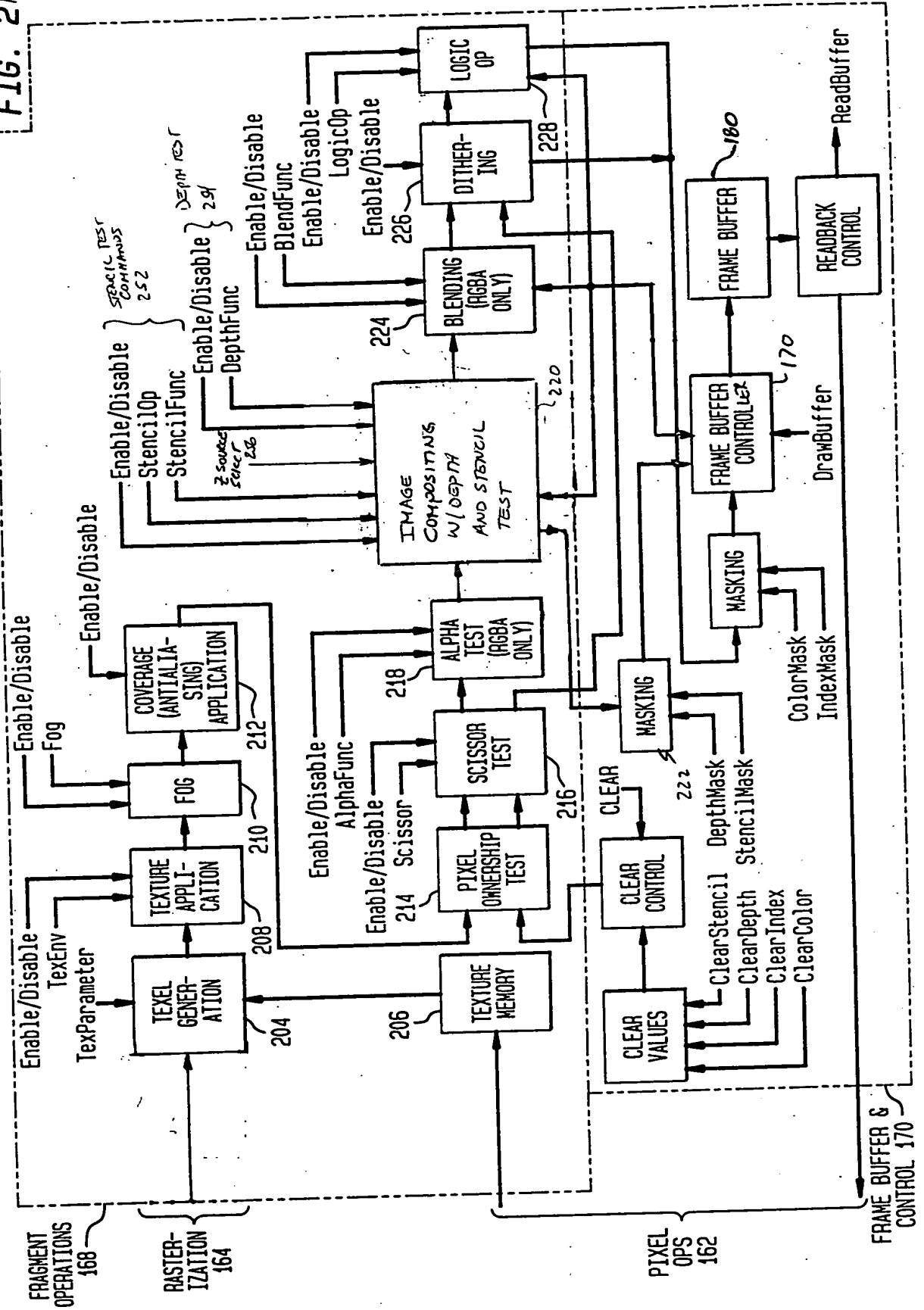
FIGURE 1A



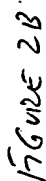
Rendering Pipeline 150

FIGURE 1B

FIG. 2A



FRAME BUFFER 180



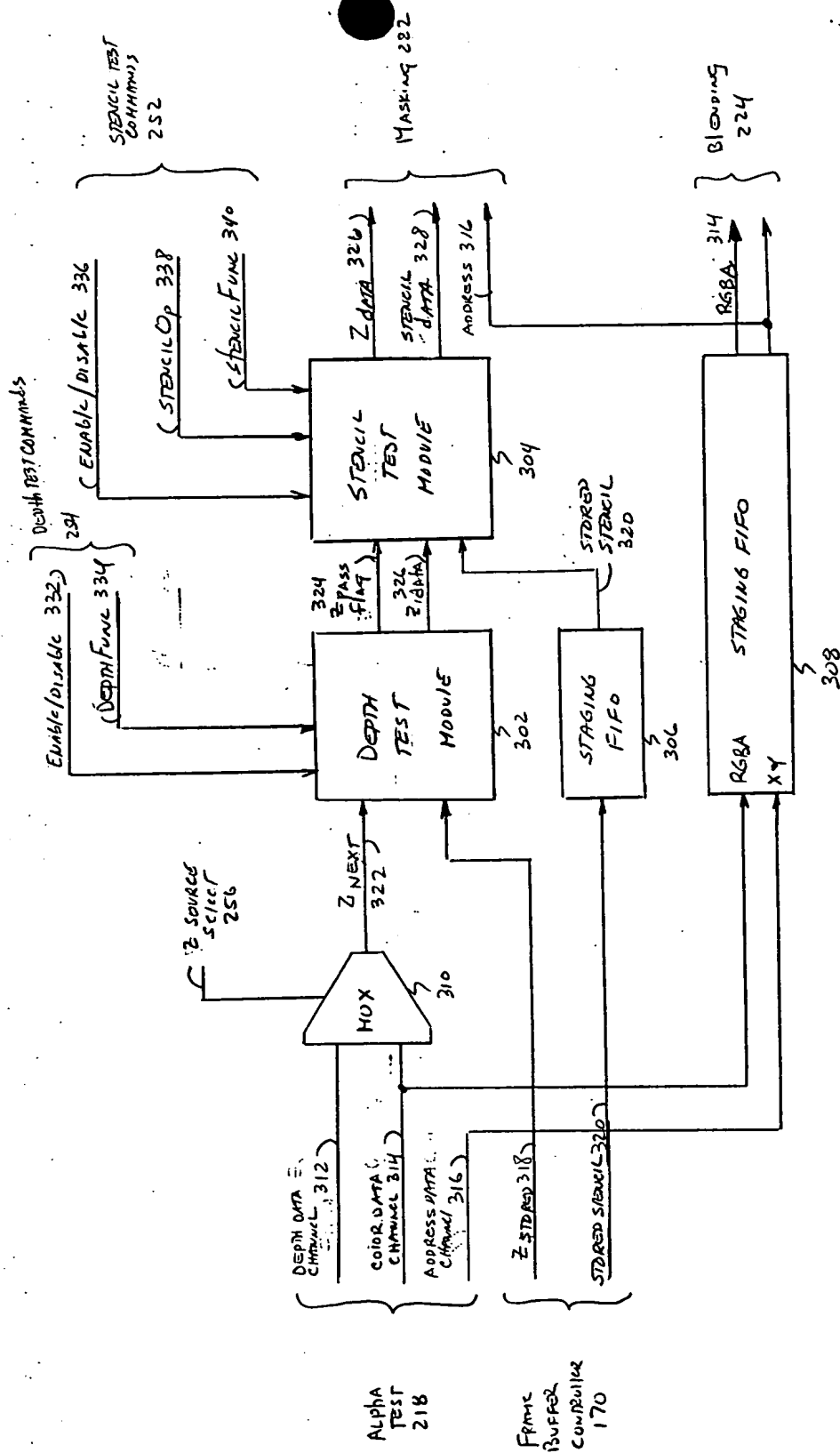


FIGURE 3

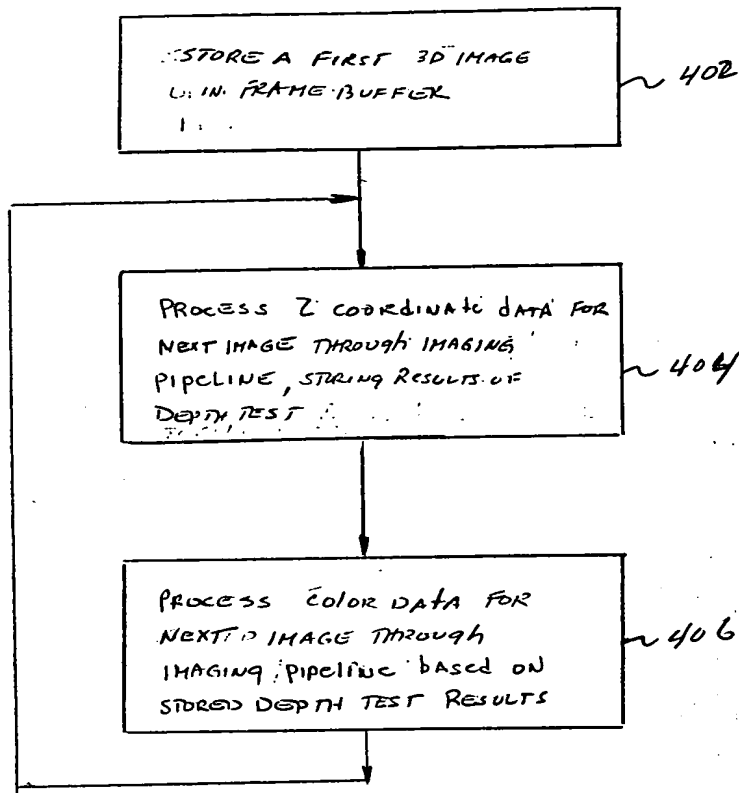


FIGURE 4

```

graph TD
    502[SELECT COLOR DATA CHANNEL AS INPUT TO DEPTH TEST MODULE] --> 504[PROCESS Z COORDINATE DATA OF NEXT IMAGE THROUGH COLOR DATA CHANNEL OF IMAGING PIPELINE]
    504 --> 506[PREVENT UPDATES OF COLOR BUFFER]
    506 --> 508[PERFORM DEPTH TEST]
    508 --> 510[PERFORM STENCIL TEST TO STORE PREDETERMINED VALUE IN STENCIL BUFFER WHEN DEPTH TEST PASSED]
  
```

FIGURE 5A

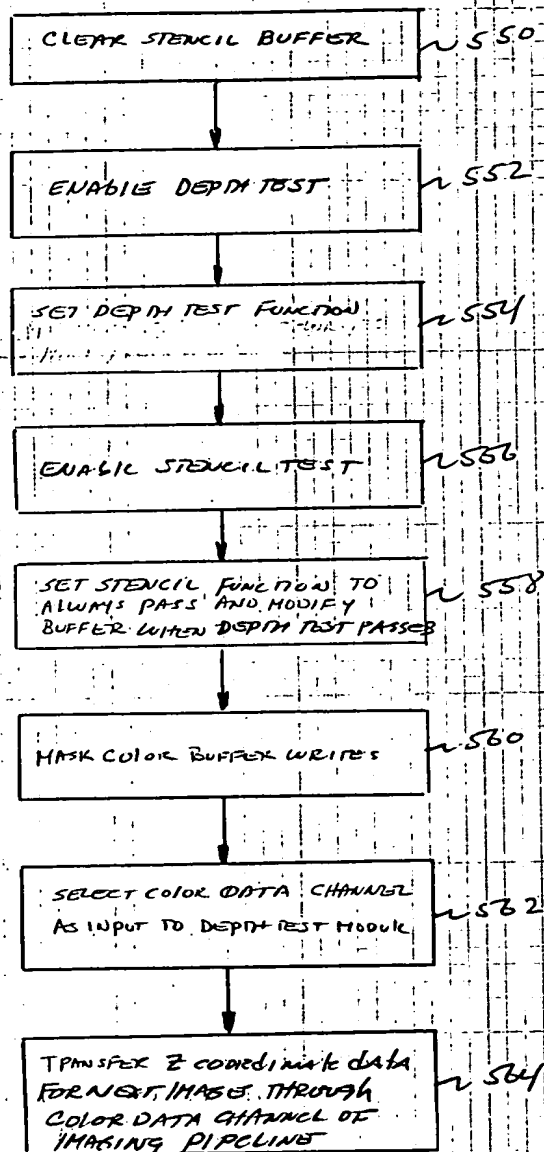
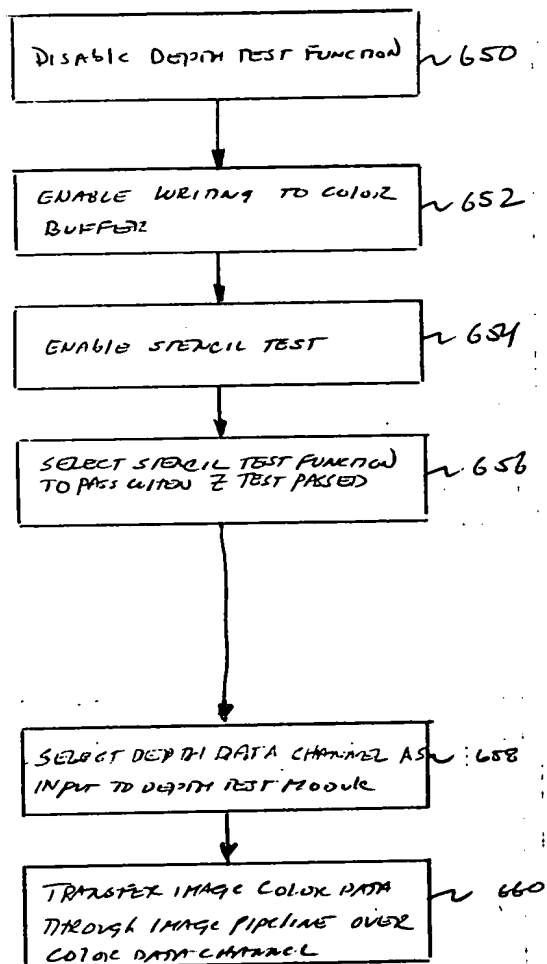


FIGURE 5B


```

graph TD
    602[SELECT DEPTH DATA CHANNEL  
AS INPUT TO DEPTH TEST  
MODULE] --> 604[TRANSFER IMAGE COLOR DATA  
THROUGH IMAGE PIPELINE OVER  
COLOR DATA CHANNEL]
    604 --> 606[DISABLE DEPTH TEST]
    606 --> 608[PERFORM STENCIL TEST TO PASS  
WHenever STENCIL BUFFER INDICATES  
DEPTH TEST PASSED]
    608 --> 610[Update color BUFFER WITH  
COLOR DATA]
  
```

FIGURE 6A

[illegible]

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